

**Abstract:**

*Page 29, in the abstract section, replace with the following new abstract paragraph:*

**Abstract of the Disclosure**

--- A multiband ultra wideband (UWB) communication[[s]] ~~(UWB)~~ is ~~provided~~ presented [[for]] to implement[[ing]] multichannel shaped-pulses in parallel for [[the]] indoor and outdoor UWB operations. ~~according to some embodiments.~~ The multiband UWB communication has a flexibility to ~~implement~~ transmit and receive a multirate scalability data rate on the multichannel with lower power consumption. ~~The multiband UWB can also transmit and receive the information data rate with scalability.~~